

1 March 1956

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From: Construction Engineer , [REDACTED]  
To: Officer in Charge of Construction, Contract N0y 13931  
Subj: Project 324; Additional work to install Government furnished antenna equipment  
Encl: (1) Drawing No. T-102

1. It is understood that installation of Radio receiving and transmitter antenna equipment is not presently included in the subject contract.
2. Because the installation of poles, guys and related equipment is beyond the capabilities of this station, and further to preclude interference of a dual operation during construction, it is desired to include this work under the subject contract if possible.
3. It is therefore requested that an estimate of cost be obtained for necessary approval so that additional funds for the accomplishment of this work may be made available.
4. The scope of the work required is as follows:
  - a. Four (4) Rhombics at Transmitter site comprising:
    - (1) Erection of sixteen (16) 70 foot metal towers complete with guys, anchors and footings.
    - (2) Mounting Radiating Elements.
    - (3) Installation of Dissipation Element.
    - (4) Installation of Transmission line support tower at each 100 linear feet of transmission line.
  - b. Installation of one (1) inverted Discone Receiving Antenna at Receiver site comprising:
    - (1) Erection of three (3) 90 foot wooden poles complete with guys, anchors and steps.
    - (2) Mounting radiating elements.
    - (3) Installation of RG-11/u coaxial cable with messenger to Administration Building and terminate.
  - c. Installation of three (3) each 3-element rotating beam antennas

~~6 MAR 1956~~

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(Receiving site) comprising:

(1) Erection of three (3) 90 foot wooden poles complete with guys and anchors; these circumferential to those of B above with connection platform approximately 18 feet long.

(2) Mounting three (3) Rotators and radiating elements.

(3) Installation of RG-11/u and 8-conductor control cable to each rotator. Messenger with b(3) above and terminate both ends.

5. All antenna equipment and materials including poles, guys, etc., is to be Government furnished.

6. [REDACTED] Radio Engineer, [REDACTED] will be at this station for approximately one week beginning 7 March and will be available to participate in any conferences necessary for clarification of technical details.

7. An interim reply is requested as to the practicability of including the above work under the current status of the contract subject to approval of additional funds being made available.

Copy to:  
ASST. DIR., [REDACTED]

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